Contents

The pioneers of pediatric medicine 1, 215, 345

Wiedemann, H.-R.: Arvo Ylppö: a centenarian 445
Wiedemann, H.-R.: Josef Švejcar – on the occasion of his 90th birthday 541

Reviews

Tada, K., Hayasaka, K.: Non-ketotic hyperglycinaemia: clinical and biochemical aspects 221
Browning, R.A., s. Faingold, C.L. 2, 8
Faingold, C.L., Browning, R.A.: Mechanisms of anticonvulsant drug action. I. Drugs primarily used for generalized tonic-clonic and partial epilepsies 2
Faingold, C.L., Browning, R.A.: Mechanisms of anticonvulsant drug-action. II. Drugs primarily used for absence epilepsy 8
Greenough, A., Milner, A.D.: High frequency ventilation in the neonatal period 446
Hayasaka, K., s. Tada, K. 221
Hill, D.J., s. Milner, R.D.G. 113
Kruse, K.: Endocrine control and disturbances of calcium and phosphate metabolism in children 346
Lintermans, J.P.: Echocardiography in neurological disorders . 15
Milner, A.D., s. Greenough, A. 446
Milner, R.D.G., Hill, D.J.: Interaction between endocrine and paracrine peptides in prenatal growth control 113
Stopfkuchen, H.: Changes of the cardiovascular system during the perinatal period 545

Annotations

Belohradsky, B.H., s. Lohrer, R. 354
Buchanan, G.R.: The nontreatment of childhood idiopathic thrombocytopenic purpura 107
Eichenwald, H.F.: Bacterial meningitis: is there a "best" antimicrobial therapy? 216
Lohrer, R., Belohradsky, B.H.: Bacterial endophthalmitis in neonates 354
Smith, T.H.: Magnetic resonance imaging for the pediatrician . 542
Warburg, M.: Ocular malformations and lissencephaly 450

Original investigations

Aarskog, D., s. Knudtzon, J. 266
Adrian, T., Wigand, R., Richter, J.: Gastroenteritis in infants, associated with a genome type of adenovirus 31 and with combined rotavirus and adenovirus 31 infection 38
Al-Awadi, S.A., s. Teebi, A.S., et al. 59
Alberti, A., s. Bortolotti, F., et al. 394
Andreoli, A., s. Boner, A.L., et al. 408
Andreou, A., s. Thanopoulos, B.D., et al. 279
Antolini, I., s. Boner, A.L., et al. 408
Armigliato, M., s. Bortolotti, F., et al. 394
Aronson, D.C., s. Heymans, H.S.A., et al. 401
Arrigo, T., s. De Luca, F., et al. 494

Baan, J., s. Bel, F. van, et al. 461
Babiker, M.A., s. Patel, P.J., et al. 565
Baier, W.K., s. Doose, H. 550
Bartels, S., s. Schulte, F.J., et al. 233
Bartram, C.R., Berthold, F.: Amplification and expression of the N-*myc* gene in neuroblastoma 162
Barudi, C., s. Buts, J.P., et al. 156
Battisti, O., s. Bertrand, J.-M., et al. 145
Baum, R.P., s. Schwabe, D., et al. 246
Beckenkamp, G., s. Kohlschütter, A., et al. 575
Becker, A., s. Kries, R.v., et al. 123
Becker, M., s. Rosskamp, R., et al. 48
Bel, F.van, Bor, M.van de, Stijnen, T., Baan, J., Ruys, J.H.: Cerebral blood flow velocity pattern in healthy and asphyxiated newborns: a controlled study 461
Belohradsky, B.H., s. Mar, P.J., et al. 51
Benderly, A., s. Hochberg, Z., et al. 497
Berdel, D., Süverkrüp, R., Heimann, G., Berg, A.v., Liappis, N., Stühmer, A.: Total theophylline clearance in childhood: the influence of age-dependent changes in metabolism and elimination 41
Berg, A.v., s. Berdel, D., et al. 41
Bertaggia, A., s. Bortolotti, F., et al. 394
Berthold, F., s. Bartram, C.R. 162
Bertrand, F., s. Hertoghe, L., et al. 473
Bertrand, J.-M., Langhendries, J.P., Gras, A., Battisti, O.: Digoxin-like immunoreactive substance in serum of preterm and full-term neonates 145
Bijleveld, C.M.A., Vonk, R.J., Okken, A., Fernandes, J.: Fat absorption in preterm infants fed a taurine-enriched formula 128
Bisceglia, M., Zelante, L., Bosman, C., Cera, R., Dallapiccola, B.: Pathologic features in two siblings with the Pena-Shokeir I syndrome 283
Blatt, J., Wenger, S., Stitely, S., Lee, P.A.: Lack of mitogenic effects of growth hormone on human leukemic lymphoblasts 257
Blum, D., s. Desmarez, C., et al. 159
Blum, D., s. Kahn, A., et al. 458
Böhles, H., Singer, H., Ruitenbeek, W., Trijbels, J.M.F., Sengers, R.C.A., Ketelsen, U.P., Wagner-Thiessen, E., Wick, H.: Foamy myocardial transformation in a child with a disturbed respiratory chain 582
Boner, A.L., Antolini, I., Andreoli, A., De Stefano, G., Sette, L.: Comparison of the effects of inhaled calcium antagonist verapamil, sodium cromoglycate and ipratropium bromide on exercise-induced bronchoconstriction in children with asthma 408
Bor, M.van de, s. Bel, F.van, et al. 461
Bortolotti, F., Bertaggia, A., Rude, L., Armigliato, M., Crivellaro, C., Alberti, A., Pornaro, E., Realdi G.: IgM antibody to hepatitis B core antigen in children with chronic type B hepatitis 394
Bose, B., Cater, J.I., Clark, R.A.: A once daily theophylline preparation in prevention of nocturnal symptoms in childhood asthma 524
Bosman, C., s. Bisceglia, M., et al. 283
Bot, A., s. Drop, S.L.D., et al. 272
Bourgeois, B.F.D., s. Issakainen, J. 404
Bourguignon, J.P., Vliet, G.Van, Vandeweghe, M., Malvaux, P., Vanderschueren-Lodeweyckx, M., Craen, M., Du Caju, M.V.L., Ernould, C.: Treatment of central precocious puberty with an intranasal analogue of GnRH (Buserelin) 555
Brochu, P., s. Lebecque, P., et al. 174
Brown, G.K., s. Haan, E.A., et al. 484
Brown, G.K., Hunt, S.M., Mitchell, D.K., Danks, D.M.: Profound neurological illness, relieved by protein restriction, in a baby with a transient disturbance in the metabolism of ingested isoleucine 365
Buts, J.P., Barudi C., Otte, J.B.: Double-blind controlled study on the efficacy of sodium alginate (Gaviscon) in reducing gastroesophageal reflux assessed by 24 h continuous pH monitoring in infants and children 156
Buzi, F., s. Stanhope, R., et al. 500

Campos, L., s. Procianoy, R.S., et al. 390
Carruthers, R.A., s. Clayton, P.T., et al. 166
Cater, J.I., s. Bose, B., et al. 524
Cera, R., s. Bisceglia, M., et al. 283
Chiba, T., s. Hayasaka, K., et al. 370
Ciccimarra, F., s. De Curtis, M., et al. 398
Clara, R., s. Fransen, L., et al. 152
Clark, R.A., s. Bose, B., et al. 524

Clayton, P.T., Lake, B.D., Hall, N.A., Shortland, D.B., Carruthers, R.A., Lawson, A.M.: Plasma bile acids in patients with peroxisomal dysfunction syndromes: analysis by capillary gas chromatography–mass spectrometry . . . 166
Cornelis, A., s. Poll-The, B.T., et al. . . . 477
Corona, G., s. De Luca, F., et al. . . . 494
Craen, M., s. Bourguignon, J.P., et al. . . . 555
Criveilaro, C., s. Bortolotti, F., et al. . . . 394
Curtius, H.C., s. Niederwieser, A., et al. . . . 228
Cynamon, H.A., Isenberg, J.N.: Application of a new test for vitamin E deficiency to cystic fibrosis . . . 512
Czeizel, A.: Genital anomalies of males (GAM-complex) . . . 181

Dallapiccola, B., s. Bisceglia, M., et al. . . . 283
Danks, D.M., s. Brown, G.K., et al. . . . 365
Dar, H., s. Tirosh, E., et al. . . . 568
De Curtis, M., Paone, C., Vetrano, G., Romano, G., Paludetto, R., Ciccimarra, F.: A case control study of necrotizing enterocolitis occurring over 8 years in a neonatal intensive care unit . . . 398
Delange, F., s. Van Vliet, G., et al. . . . 378
De Luca, F., Simone, E., Corona, G., Pandullo, E., Siracusano, M.F., Arrigo, T.: Adult height in thalassaemia major without hormonal treatment . . . 494
De Stefano, G., s. Boner, A.L., et al. . . . 408
Desmarez, C., Blum, D., Montauk, L., Kahn, A.: Impact of home monitoring for sudden infant death syndrome on family life. A controlled study . . . 159
Desmet, V., s. Tshibassu, M., et al. . . . 251
De Wals, P., s. Hertoghe, L., et al. . . . 473
Doose, H., Baier, W.K.: Epilepsy with primarily generalized myoclonic-astatic seizures: a genetically determined disease 550
Drop, S.L.D., Odink, R.J.H., Rouwé, C., Otten, B.J., Van Maarschalkerweerd, M.W., Gons, M., Bot, A., Meradji, M., de Jong, F.H., Slijper, F.M.E.: The effect of treatment with an LH-RH agonist (Buserelin) on gonadal activity growth and bone maturation in children with central precocious puberty . . . 272
Du Caju, M.V.L., s. Bourguignon, J.P., et al. . . . 555

Eggermont, E., s. Tshibassu, M., et al. . . . 251
Eguchi, M., s. Ikeda, H., et al. . . . 412
Eilers, G.A.M., s. Oudesluys-Murphy, A.M., et al. . . . 387
El-Khalifa, M.Y., s. Teebi, A.S., et al. . . . 59
Endres, W., s. Niederwieser, A., et al. . . . 228
Ericsson, U.-B., Ivarsson, S.-A., Persson, P.-H.: Thyroglobulin in cord blood. The influence of the mode of delivery and the smoking habits of the mother . . . 44
Ernould, C., s. Bourguignon, J.P., et al. . . . 555

Farag, T.I., s. Teebi, A.S., et al. . . . 59
Farina, D.M., s. Procianoy, R.S., et al. . . . 390
Fendel, H., s. Schneider, K., et al. . . . 508
Fernandes, J., s. Bijleveld, C.M.A., et al. . . . 128
Franke, H., s. Schulte, F.J., et al. . . . 233
Fransen, L., Van den Berghe, P., Mertens, A., Van Brussel, K., Clara, R., Piot, P.: Incidence and bacterial aetiology of neonatal conjunctivitis . . . 152
Frimas, C., s. Thanopoulos, B.D., et al. . . . 279
Fukui, H., s. Kamitsuji, H., et al. . . . 519
Funamoto, Y., s. Furukawa, T., et al. . . . 34
Furukawa, T., Funamoto, Y., Ishida, S., Kamiya, H.: The importance of primary cytomegalovirus infection in childhood cancer . . . 34
Furukawa, T., s. Ikeda, H., et al. . . . 412
Furusawa, S., s. Ikeda, H., et al. . . . 412

Gabreëls, F.J.M., s. Jansen, P.H.P., et al. . . . 587
Gahr, M., Hunneman, D.H.: The value of determination of homovanillic and vanillylmandelic acids in plasma for the diagnosis and follow-up of neuroblastoma in children . . . 489
Gardos, M., s. Hochberg, Z., et al. . . . 497
Geboes, K., s. Tshibassu, M., et al. . . . 251
Geiger-Benoit, K., s. Hermanussen, M., et al. . . . 561
Gerein, V., s. Schwabe, D., et al. . . . 246
Giacomini, C.B., s. Procianoy, R.S., et al. . . . 390
Gindler, J., Nwankwo, M.U., Omene, J.A., Roberts, I.M., *LaRocca, G.M., Glew, R.H.*: Breast milk composition and bile salt-stimulated lipase in well-nourished and undernourished Nigerian mothers . . . 184
Glew, R.H., s. Gindler, J., et al. . . . 184
Glinoer, D., s. Van Vliet, G., et al. . . . 378
Göbel, U., s. Kries, R. v., et al. . . . 123
Gompel, C., s. Van Vliet, G., et al. . . . 378
Gons, M., s. Drop, S.L.D., et al. . . . 272
Govaerts, L.C.P., s. Poll-The, B.T., et al. . . . 477
Grant, D.B., s. Stanhope, R., et al. . . . 500
Gras, A., s. Bertrand, J.-M., et al. . . . 145
Groot, C.J.de, s. Oudesluys-Murphy, A.M., et al. . . . 387

Haan, E.A., Scholem, R.D., Pitt, J.J., Wraith, J.E., Brown, G.K.: Episodes of severe metabolic acidosis in a patient with 3-methylglutaconic aciduria . . . 484
Hall, N.A., s. Clayton, P.T., et al. . . . 166
Happ, J., s. Schwabe, D., et al. . . . 246
Harms, K., s. Schneider, K., et al. . . . 508
Hawass, N.D., s. Patel, P.J., et al. . . . 565
Hayasaka, K., Metoki, K., Ishiguro, S., Kato, S., Chiba, T., Hirooka, M., Kikuchi, M., Kurobane, I., Narisawa, K., Tada, K.: Partial ornithine transcarbamylase deficiency in females: diagnosis by an immunohistochemical method . . 370
Hayashi S., s. Park, M.K., et al. . . . 61
Heimann, G., s. Berdel, D., et al. . . . 41
Heinonen, K., s. Matilainen, R., et al. . . . 453
Helms, I., Rieger, C.H.L.: Decreased production of specific antibodies to cow's milk proteins in premature infants during the first six months of live . . . 131
Hermanussen, M., Geiger-Benoit, K., Sippell, W.G.: "Negative growth" in anorexia nervosa assessed by knemometry . 561
Herrmann, H.D., s. Schulte, F.J., et al. . . . 233
Hertoghe, L., De Wals, P, Piron, M., Bertrand, F., Lechat, M.F.: Quality of perinatal death registration. A study in Hainaut, Belgium . . . 473
Heymans, H.S.A., Aronson, D.C., van Hooft, M.A.J.: Giardiasis in childhood: an unnecessarily expensive diagnosis . 401
Hirooka, M., s. Hayasaka, K., et al. . . . 370
Hochberg, Z., Gardos, M., Benderly A.: Psychosexual outcome of assigned females and males with 46,XX virilizing congenital adrenal hyperplasia . . . 497
Hör, G., s. Schwabe, D., et al. . . . 246
Hooft, M.A.J.van, s. Heymans, H.S.A., et al. . . . 401
Hosking, M., s. Ohlsson, A. . . . 571
Huen, K.-F., s. Stanhope, R., et al. . . . 500
Hunneman, D.H., s. Gahr, M. . . . 489
Hunt, S.M., s. Brown, G.K., et al. . . . 365
Huth, R., s. Stopfkuchen, H., et al. . . . 135
Hyànek, J., s. Niederwieser, A., et al. . . . 228

Iida, Y., s. Kamitsuji, H., et al. . . . 519
Ikeda, H., Ozawa, T., Takahashi, H., Eguchi, M., Furukawa, T., Okuyama, A., Saito, K., Furusawa, S.: Immunological and haematological changes during high-dose immunoglobulin therapy in an infant with autoimmune neutropenia 412
Isenberg, J.N., s. Cynamon, H.A. . . . 512
Ishida, M., s. Lin, C.-Y. . . . 383
Ishida, S., s. Furukawa, T., et al. . . . 34
Ishiguro, S., s. Hayasaka, K., et al. . . . 370
Isken, V., s. Leonhardt, A., et al. . . . 140
Issakainen, J., Bourgeois, B.F.D.: Bioavailability of sodium valproate suppositories during repeated administration at steady state in epileptic children . . . 404
Ivarsson, S.-A., s. Ericsson, U.-B., et al. . . . 44

Jaffe, M., s. Tirosh, E., et al. . . . 568
Jansen, P.H.P., Renier, W.O., Vaan, G.de, Reekers, P., Vingerhoets, D.M., Gabreëls, F.J.M.: Effect of thymec-

tomy on myasthenia gravis and autoimmune thrombocytopenic purpura in a 13-year-old girl 587
Jokela, V., s. Matilainen, R., et al. 453
Jong, F.H. de, s. Drop, S.L.D., et al. 272
Jorch, G., Jorch, N.: Failure of autoregulation of cerebral blood flow in neonates studied by pulsed Doppler ultrasound of the internal carotid artery 468
Jorch, N., s. Jorch, G. 468
Jüngst, B.-K., s. Stopfkuchen, H., et al. 135

Kahn, A., s. Desmarez, C., et al. 159
Kahn, A., Montauk, L., Blum, D.: Diagnostic categories in infants referred for an acute event suggesting near-miss SIDS 458
Kamitsuji, H., Tani, K., Yasui, M., Taniguchi, A., Taira, K., Tsukada, S., Iida, Y., Kanki, H., Fukui, H.: Activity of blood coagulation Factor XIII as a prognostic indicator in patients with Henoch-Schönlein purpura. Efficacy of Factor XIII substitution 519
Kamiya, H., s. Furukawa, T., et al. 34
Kanki, H., s. Kamitsuji, H., et al. 519
Karrar, Z.A., s. Patel, P.J., et al. 565
Kato, S., s. Hayasaka, K., et al. 370
Kato, T., Sano, M., Mizutani, N.: Inhibitory effect of intravenous lysine infusion on urea cycle metabolism 56
Ketelsen, U.P., s. Böhles, H., et al. 582
Kikuchi, M., s. Hayasaka, K., et al. 370
Knudtzon, J., Aarskog, D.: 45,X/46,XY mosaicism. A clinical review and report of ten cases 266
Kohlschütter, A., Willig, H.P., Schlamp, D., Kruse, K., McCabe, E.R.B., Schäfer, H.J., Beckenkamp, G., Rohkamm, R.: Infantile glycerol kinase deficiency – a condition requiring prompt identification. Clinical, biochemical, and morphological findings in two cases 575
Kornhuber, B., s. Schwabe, D., et al. 246
Korvenranta, H., s. Valmari, P., et al. 515
Korzets, Z., s. Lishner, M., et al. 68
Kracht, U., s. Kruse, K. 373
Kramer, M., s. Schäfer, K.H. 63
Kries, R.v., Becker, A., Göbel, U.: Vitamin K in the newborn: influence of nutritional factors on acarboxy-prothrombin detectability and factor II and VII clotting activity 123
Kropp-v. Rabenau, H., s. Schwabe, D., et al. 246
Kruse, K., s. Kohlschütter, A., et al. 575
Kruse, K., Kracht, U.: A simplified diagnostic test in hypoparathyroidism and pseudohypoparathyroidism type I with synthetic 1–38 fragment of human parathyroid hormone . 373
Kühl, P.G., s. Leonhardt, A., et al. 140
Kuehl, T.J., s. Park, M.K., et al. 61
Kurobane, I., s. Hayasaka, K., et al. 370

Lake, B.D., s. Clayton, P.T., et al. 166
Lamarre, A., s. Lebecque, P., et al. 174
Langhendries, J.P., s. Bertrand, J.-M., et al. 145
Lapierre, J.G., s. Lebecque, P., et al. 174
LaRocca, G.M., s. Gindler, J., et al. 184
Launiala, K., s. Matilainen, R., et al. 453
Lawson, A.M., s. Clayton, P.T., et al. 166
Lebecque, P, Lapierre, J.G., Brochu, P, Spier, S., Lamarre, A.: Pulmonary plasma cell granuloma 174
Lechat, M.F., s. Hertoghe, L., et al. 473
Lee, P.A., s. Blatt, J., et al. 257
Leimbacher, W., s. Niederwieser, A., et al. 228
Leonhardt, A., Isken, V., Kühl, P.G., Seyberth, H.W.: Prolonged indomethacin treatment in preterm infants with symptomatic patent ductus arteriosus: efficacy, drug level monitoring, and patient selection 140
Liappis, N., s. Berdel, D., et al. 41
Lin, C.-Y., Ishida, M.: Calcium homeostasis in premature infants and treatment of early hypocalcaemia by 1,25-dihydroxycholecalciferol 383
Lishner, M., Pomeranz, A., Rozenbaum, E., Korzets, Z., Shenkman, L.: Hypercalcaemia-induced acute renal failure as a presenting feature of T-cell leukaemia 68
Luck, W., Nau, H.: Nicotine and cotinine concentrations in the milk of smoking mothers: influence of cigarette consumption and diurnal variation 21

Malvaux, P., s. Bourguignon, J.P., et al. 555
Manegold, K., s. Schwabe, D., et al. 246
Mar, P.J., Marget, W., Schneider, K., Belohradsky, B.H., Roos, R.: Relevance of vesico-ureteric reflux in development of lipid A antibodies in recurrent urinary tract infections in children – a preliminary study 51
Marget, W., s. Mar, P.J., et al. 51
Marques-Pereira, J.P., s. Procianoy, R.S., et al. 390
Mathers, N.J., Pohlandt, F.: Diagnostic audit of C-reactive protein in neonatal infection 147
Matilainen, R., Heinonen, K., Siren-Tiusanen, H., Jokela, V., Launiala, K.: Neurodevelopmental screening of in utero growth-retarded prematurely born children before school age 453
Maul, F., s. Schwabe, D., et al. 246
McCabe, E.R.B., s. Kohlschütter, A., et al. 575
Meradji, M., s. Drop, S.L.D., et al. 272
Mertens, A., s. Fransen, L., et al. 152
Metoki, K., s. Hayasaka, K., et al. 370
Mimouni, M., s. Shuper, A., et al. 360
Mitchell, D.K., s. Brown, G.K., et al. 365
Mizutani, N., s. Kato, T., et al. 56
Mollin, G.A.D., s. Procianoy, R.S., et al. 390
Monnens, L., s. Poll-The, B.T., et al. 477
Montauk, L., s. Desmarez, C., et al. 159
Montauk, L., s. Kahn, A., et al. 458
Müller, D., s. Schulte, F.J., et al. 233

Naguib, K.K., s. Teebi, A.S., et al. 59
Narisawa, K., s. Hayasaka, K., et al. 370
Nau, H., s. Luck, W. 21
Niederwieser, A., Shintaku, H., Leimbacher, W., Curtius, H.C., Hyànek, J., Zeman, J., Endres, W.: "Peripheral" tetrahydrobiopterin deficiency with hyperphenylalaninaemia due to incomplete 6-pyruvoyl tetrahydropterin synthase deficiency or heterozygosity 228
Nitz, C., s. Schwabe, D., et al. 246
Nwankwo, M.U., s. Gindler, J., et al. 184

Odièvre, M., s. Poll-The, B.T., et al. 477
Odink, R.J.H., s. Drop, S.L.D., et al. 272
Ogier, H.A.M., s. Poll-The, B.T., et al. 477
Ohlsson, A., Hosking, M.: Complications following oral administration of exchange resins in extremely low-birthweight infants 571
Okken, A., s. Bijleveld, C.M.A., et al. 128
Okuyama, A., s. Ikeda, H., et al. 412
Omene, J.A., s. Gindler, J., et al. 184
Otte, J.B., s. Buts, J.P., et al. 156
Otten, B.J., s. Drop, S.L.D., et al. 272
Oudesluys-Murphy, A.M., Eilers, G.A.M., Groot, C.J.de: The time of separation of the umbilical cord 387
Ozawa, T., s. Ikeda, H., et al. 412

Paludetto, R., s. De Curtis, M., et al. 398
Pandullo, E., s. De Luca, F., et al. 494
Paone, C., s. De Curtis, M., et al. 398
Park, M.K., Kuehl, T.J., Hayashi, S.: Differential effects of prostaglandins on mesenteric and cerebral arteries isolated from premature newborn baboons 61
Patel, P.J.: Some rare causes of intracranial calcification in childhood: computed tomographic findings 177
Patel, P.J., Karrar, Z.A., Babiker, M.A., Hawass, N.D.: Ultrasound findings in childhood chronic liver parenchymal diseases. An analysis of 41 patients 565
Peeters, M., Poon, A.: Down syndrome and leukemia: unusual clinical aspects and unexpected methotrexate sensitivity . . 416
Peltola, H., s. Valmari, P., et al. 515
Persson, P.-H., s. Ericsson, U.-B., et al. 44

Piot, P., s. Fransen, L., et al. 152
Piron, M., s. Hertoghe, L., et al. 473
Pitt, J.J., s. Haan, E.A., et al. 484
Pohlandt, F., s. Mathers, N.J. 147
Poll-The, B.T., Saudubray, J.M., Ogier, H.A.M., Odièvre, M., Scotto, J.M., Monnens, L., Govaerts, L.C.P., Roels, F., Cornelis, A., Schutgens, R.B.H., Wanders, R.J.A., Schram, A.W., Tager, J.M.: Infantile Refsum disease: an inherited peroxisomal disorder. Comparison with Zellweger syndrome and neonatal adrenoleukodystrophy 477
Pomeranz, A., s. Lishner, M., et al. 68
Poon, A., s. Peeters, M. 416
Pornaro, E., s. Bortolotti, F., et al. 394
Preece, M.A., s. Stanhope, R., et al. 500
Procianoy, R.S., Giacomini, C.B., Farina, D.M., Mollin, G.A.D., Winckler, M.I., Silveira, M.B., Campos, L., Marques-Pereira, J.P.: Early diagnosis of ABO haemolytic disease of the newborn 390

Realdi, G., s. Bortolotti, F., et al. 394
Reekers, P., s. Jansen, P.H.P., et al. 587
Regensburger, D., s. Wessel, A., et al. 31
Reitter, B.: Editorial comment: Congenital hypotonia – benign? 363
Renier, W.O., s. Jansen, P.H.P., et al. 587
Richter, J., s. Adrian, T., et al. 38
Rieger, C.H.L., s. Helms, I. 131
Roberts, I.M., s. Gindler, J., et al. 184
Roels, F., s. Poll-The, B.T., et al. 477
Rohkamm, R., s. Kohlschütter, A., et al. 575
Romano, G., s. De Curtis, M., et al. 398
Roos, R., s. Mar, P.J., et al. 51
Rosskamp, R., Becker, M., Soetadji, S.: Circulating somatomedin-C levels and the effect of growth hormone-releasing factor on plasma levels of growth hormone and somatostatin-like immunoreactivity in obese children 48
Rouwé, C., s. Drop, S.L.D., et al. 272
Rozenbaum,. E., s. Lishner, M., et al. 68
Rude, L., s. Bortolotti, F., et al. 394
Ruitenbeek, W., s. Böhles, H., et al. 582
Ruuskanen, O., s. Valmari, P., et al. 515
Ruys, J.H., s. Bel, F.van, et al. 461

Sacré-Smits, L., s. Vandenplas, Y. 504
Saeger, W., s. Schulte, F.J., et al. 233
Sahm, S., s. Schwabe, D., et al. 246
Saito, K., s. Ikeda, H., et al. 412
Saito, T.: Presenting symptoms and natural history of Wilson disease 261
Sano, M., s. Kato, T., et al. 56
Saudubray, J.M., s. Poll-The, B.T., et al. 477
Schäfer, H.J., s. Kohlschütter, A., et al. 575
Schäfer, K.H., Kramer, M.: Infantile hypertrophic pyloric stenosis after prenatal exposure to thalidomide 63
Schier, C., s. Schier, F. 27
Schier, F., Schier, C.: Cell cultures of bile duct epithelium and the pathogenesis of biliary atresia 27
Schlamp, D., s. Kohlschütter, A., et al. 575
Schneider, K., Harms, K., Fendel, H.: The increased echogenicity of the pancreas in infants and children: the white pancreas 508
Schneider, K., s. Mar, P.J., et al. 51
Scholem, R.D., s. Haan, E.A., et al. 484
Schram, A.W., s. Poll-The, B.T., et al. 477
Schranz, D., s. Stopfkuchen, H., et al. 135
Schulte, F.J., Herrmann, H.D., Müller, D., Franke, H., Saeger, W., Spaar, F.W., Bartels, S.: Pineal region tumours of childhood 233
Schutgens, R.B.H., s. Poll-The, B.T., et al. 477
Schwabe, D., Sahm, S., Gerein, V., Happ, J., Kropp-v.Rabenau, H., Maul, F., Baum, R.P., Manegold, K., Nitz, C., Hör, G., Kornhuber, B.: 131-Metaiodobenzylguanidine therapy of neuroblastoma in childhood. One year of therapeutic experience 246
Scotto, J.M., s. Poll-The, B.T., et al. 477
Sengers, R.C.A., s. Böhles, H., et al. 582
Sette, L., s. Boner, A.L., et al. 408
Seyberth, H.W., s. Leonhardt, A., et al. 140
Shenkman, L., s. Lishner, M., et al. 68
Shintaku, H., s. Niederwieser, A., et al. 228
Shortland, D.B., s. Clayton, P.T., et al. 166
Shuper, A., Weitz, R., Varsano, I., Mimouni, M.: Benign congenital hypotonia. A clinical study in 43 children . . . 360
Silveira, M.B., s. Procianoy, R.S., et al. 390
Simon, C., s. Wessel, A., et al. 31
Simone, E., s. De Luca, F., et al. 494
Singer, H., s. Böhles, H., et al. 582
Sippell, W.G., s. Hermanussen, M., et al. 561
Siracusano, M.F., s. De Luca, F., et al. 494
Siren-Tiusanen, H., s. Matilainen, R., et al. 453
Slijper, F.M.E., s. Drop, S.L.D., et al. 272
Soetadji, S., s. Rosskamp, R., et al. 48
Spaar, F.W., s. Schulte, F.J., et al. 233
Spehl, M., s. Van Vliet, G., et al. 378
Spier, S., s. Lebecque, P., et al. 174
Stanhope, R., Huen, K.-F., Buzi, F., Preece, M.A., Grant, D.B.: The effect of cyproterone acetate on the growth of children with central precocious puberty 500
Stijnen, T., s. Bel, F.van, et al. 461
Stitely, S., s. Blatt, J., et al. 257
Stopfkuchen, H., Schranz, D., Huth, R., Jüngst, B.-K.: Effects of dobutamine on left ventricular performance in newborns as determined by systolic time intervals 135
Stühmer, A., s. Berdel, D., et al. 41
Süverkrüp, R., s. Berdel, D., et al. 41

Tada, K., s. Hayasaka, K., et al. 370
Tager, J.M., s. Poll-The, B.T., et al. 477
Taira, K., s. Kamitsuji, H., et al. 519
Takahashi, H., s. Ikeda, H., et al. 412
Tani, K., s. Kamitsuji, H., et al. 519
Taniguchi, A., s. Kamitsuji, H., et al. 519
Teebi, A.S., Al-Awadi, S.A., Farag, T.I., Naguib, K.K., El-Khalifa, M.Y.: Phenylketonuria in Kuwait and Arab countries 59
Thanopoulos, B.D., Andreou, A., Frimas, C.: Prostaglandin E_2 administration in infants with ductus-dependent cyanotic congenital heart disease 279
Tirosh, E., Jaffe, M., Dar, H.: The clinical significance of multiple hair whorls and their association with unusual dermatoglyphics and dysmorphic features in mentally retarded Israeli children 568
Trijbels, J.M.F., s. Böhles, H., et al. 582
Tshibassu, M., Geboes, K., Eggermont, E., Desmet, V.: Jejunal mucosa lymphoid cell subsets and the expression of major histocompatibility complex antigens in children . 251
Tsukada, S., s. Kamitsuji, H., et al. 519

Vaan, G.de, s. Jansen, P.H.P., et al. 587
Valmari, P., Peltola, H., Ruuskanen, O., Korvenranta, H.: Childhood bacterial meningitis: initial symptoms and signs related to age, and reasons for consulting a physician . . . 515
Van Brussel, K., s. Fransen, L., et al. 152
Van den Berghe, P., s. Fransen, L., et al. 152
Vandenplas, Y., Sacré-Smits, L.: Gastro-oesophageal reflux in infants. Evaluation of treatment by pH monitoring . . . 504
Vanderschueren-Lodeweyckx, M., s. Bourguignon, J.P., et al. 555
Vandeweghe, M., s. Bourguignon, J.P., et al. 555
Van Maarschalkerweerd, M.W., s. Drop, S.L.D., et al. . . . 272
Van Vliet, G., Glinoer, D., Verelst, J., Spehl, M., Gompel, C., Delange, F.: Cold thyroid nodules in childhood: is surgery always necessary? 378
Varsano, I., s. Shuper, A., et al. 360
Verelst, J., s. Van Vliet, G., et al. 378
Vetrano, G., s. De Curtis, M., et al. 398

Vingerhoets, D.M., s. Jansen, P.H.P., et al. 587
Vliet, G.van, s.Bourguignon, J.P., et al. 555
Vonk, R.J., s. Bijleveld, C.M.A., et al. 128

Wagner-Thiessen, E., s. Böhles, H., et al. 582
Wanders, R.J.A., s. Poll-The, B.T., et al. 477
Weitz, R., s. Shuper, A., et al. 360
Wenger, S., s. Blatt, J., et al. 257
Wessel, A., Simon, C., Regensburger, D.: Bacterial and fungal infections after cardiac surgery in children 31
Wick, H., s. Böhles, H., et al. 582
Wigand, R., s. Adrian, T., et al. 38
Willig, H.P., s. Kohlschütter, A., et al. 575
Winckler, M.I., s. Procianoy, R.S., et al. 390
Wraith, J.E., s. Haan, E.A., et al. 484

Yasui, M., s. Kamitsuji, H., et al. 519

Zelante, L., s. Bisceglia, M., et al. 283
Zeman, J., s. Niederwieser, A., et al. 228

Short communications

Aalderen, W.M.C.van, Knoester, H., Knol, K.: Fulminant hepatitis, during treatment with rifampicin, pyrazinamide and ethambutol 290
Abrahamov, A., s. Kerem, E., et al. 595

Barzilai, A., s. Keren, G., et al. 187
Barzilay, Z., s. Keren, G., et al. 187
Betke, K., s. Neumeyer, P. 598
Bijleveld, C.M.A., s. Houwen, R.H.J., et al. 425
Bogokowsky, B., s. Keren, G., et al. 187
Bos, J.H., s. Wouwe, J.P. van, et al. 293
Bouquet, J., s. Houwen, R.H.J., et al. 425
Brandeis, W.E., s. Ludwig, R., et al. 70
Branski, D., s. Kerem,, E., et al. 595
Chiesa, C., s. Pacifico, L., et al. 192
Clausen, N., s. Rechnitzer, C., et al. 423

Deprettere, A.R., Van Acker, K.J., Du Caju, M.V.L.: Increased serum prolactin but normal TSH during prolonged domperidone treatment in children 189
Donzelli, F., s. Magni, G., et al. 72
Du Caju, M.V.L., s. Deprettere, A.R., et al. 189
Dumić, M., Radica, A., Jušić, A., Stefanović, N., Murko, Z.: Selective ACTH insensitivity associated with autonomic nervous system disorders and sensory polyneuropathy . . . 592

Fukuda, H., s. Yanai, K., et al. 288
Fukushige, J., s. Hattori, T., et al. 601

Gelderen, H.H.van, s. Wouwe, J.P.van, et al. 293
Goldschmied-Reouven, A., s. Keren, G., et al. 187
Gross-Kieselstein, E., s. Kerem, E., et al. 595

Hale, A.C., s. McCaughey, E.S., et al. 590
Hattori, T., Tokugawa, K., Fukushige, J., Tasaki, H., Nanri, T., Ueda, K.: Facial palsy in Kawasaki disease. Report of two cases and a review 601
Heinrich, U., s. Ludwig, R., et al. 70
Houwen, R.H.J., Bouquet, J., Bijleveld, C.M.A.: Bleeding as the first symptom of extrahepatic biliary atresia 425
Hurvitz, H., s. Kerem, E., et al. 595

Iinuma, K., s. Yanai, K., et al. 288
Ito, M., s. Yanai, K., et al. 288

Jušić, A., s. Dumić, M., et al. 592

Kaufmann, H.J., s. Park, W., et al. 292
Kerem, E., Branski, D., Gross-Kieselstein, E., Hurvitz, H., Abrahamov, A., Pollack, Y.: Impaired kinetic properties of hypoxanthine-guanine phosphoribosyl transferase as a cause of uric acid nephropathy in early infancy 595
Keren, G., Barzilai, A., Barzilay, Z., Goldschmied-Reouven, A., Bogokowsky, B., Rubinstein, E.: Life-threatening cryptosporidiosis in immunocompetent infants 187
Knoester, H., s. Aalderen, W.M.C.van, et al. 290
Knol, K., s. Aalderen, W.M.C.van, et al. 290
Koch, I., s. Rechnitzer, C., et al. 423

Ludwig, R., Heinrich, U., Brandeis, W.E.: Clitoromegaly and abdominal tumour as leading signs of a mediastinal non-Hodgkin lymphoma 70
Magni, G., Pierri, M., Donzelli, F.: Recurrent abdominal pain in children: a long term follow-up 72

Matsuzawa, T., s. Yanai, K., et al. 288
McCaughey, E.S., Walker, V., Rolles, C.J., Scheurmier, N.I.M., Hale, A.C., Rees, L.H.: Ectopic ACTH production by a thymic carcinoid tumour 590
Midulla, M., s. Pacifico, L., et al. 192
Mirabella, S., s. Pacifico, L., et al. 192
Miyabayashi, S., s. Yanai, K., et al. 288
Murko, Z., s. Dumić, M., et al. 592

Nanri, T., s. Hattori, T., et al. 601
Neumeyer, P, Betke, K.: Haemoglobin A_2 in newborn infants of different maturity 598
Nielsen, H., s. Rechnitzer, C., et al. 423

Offermann, G., s. Park, W., et al. 292

Pacifico, L., Chiesa, C., Mirabella, S., Panero, A., Midulla, M.: Early-onset *Pseudomonas aeruginosa* sepsis and *Yersinia enterocolitica* neonatal infection: a unique combination in a preterm infant 192
Panero, A., s. Pacifico, L., et al. 192
Park, W., Paust, H., Kaufmann, H.J., Offermann, G.: Osteomalacia of the mother – rickets of the newborn 292
Paust, H., s. Park, W., et al. 292
Pierri, M., s. Magni, G., et al. 72
Pollack, Y., s. Kerem, E., et al. 595

Radica, A., s. Dumić, M., et al. 592
Rechnitzer, C., Koch, I., Clausen, N., Nielsen, H.: Defective monocyte oxidative metabolism in a child with non-pneumonic legionellosis 423
Rees, L.H., s. McCaughey, E.S., et al. 590
Rolles, C.J., s. McCaughey, E.S., et al. 590
Rubinstein, E., s. Keren, G., et al. 187

Scheurmier, N.I.M., s. McCaughey, E.S., et al. 590
Stefanović, N., s. Dumić, M., et al. 592

Tada, K., s. Yanai, K., et al. 288
Tasaki, H., s. Hattori, T., et al. 601
Tokugawa, K., s. Hattori, T., et al. 601

Ueda, K., s. Hattori, T., et al. 601

Van Acker, K.J., s. Deprettere, A.R., et al. 189

Walker, V., s. McCaughey, E.S., et al. 590
Wouwe, J.P.van, Gelderen, H.H.van, Bos, J.H.: Subacute zinc deficiency in children with recurrent upper respiratory tract infection 293

Yanai, K., Iinuma, K., Tada, K., Miyabayashi, S., Fukuda, H., Ito, M., Matsuzawa, T.: Regional cerebral metabolic rate for glucose in subacute sclerosing panencephalitis 288

Workshop report

Butenandt, O., s. Laron, Z., et al. 194

Laron, Z., Butenandt, O., Raiti, S.: Clinical use of growth hormone: which and to whom 194
Raiti, S., s. Laron, Z., et al. 194

Case reports

Abe, T., s. Yasuma, F., et al. 81
Abu Rajab, A., s. Nazer, H., et al. 429
Alessandrini, C., s. Fois, A., et al. 195
Amit, R.: Familial juvenile onset of Bell's palsy 608
Andria, G., s. Strisciuglio, P., et al. 431
Aoki, K., s. Nagata, M., et al. 427
Arda, H., s. Nazer, H., et al. 429
Arisaka, O., Obinata, K., Yabuta, K., Ishimoto, K., Sato, K.: Hypercalcaemia in cerebellar medulloblastoma: pathogenesis of solid tumour-associated hypercalcaemia 434

Balestri, P., s. Fois, A., et al. 195
Berthold, F., Fuhrmann, W., Lampert, F.: Fatal aplastic anaemia in a child with features of Dubowitz syndrome . . . 605
Bömelburg, T., Lenz, W., Eusterbrock, T.: Median cleft face syndrome in association with hydrocephalus, agenesis of the corpus callosum, holoprosencephaly and choanal atresia . 301
Bonzel, K.-E., Müller-Wiefel, D.E., Ruder, H., Wingen, A.-M., Waldherr, R., Weber, M.: Anti-glomerular basement membrane antibody-mediated glomerulonephritis due to glue sniffing 296
Borgogni, P., s. Fois, A., et al. 195
Bos, A.P., s. Heij, H.A., et al. 440

Cornu, G., s. Sluysmans, T., et al. 199

DeBont, B., s. Sluysmans, T., et al. 199
Dicks-Mireaux, C., s. Dunger, D.B., et al. 615
Di Maio, S., s. Strisciuglio, P., et al. 431
Dudin, K.I., Teebi, A.S.: Primary hypomagnesaemia. A case report and literature review 303
Dunger, D.B., Dicks-Mireaux, C., O'Driscoll, P., Lake, B., Ersser, R., Shaw, D.G., Grant, D.B.: Two cases of Winchester syndrome: with increased urinary oligosaccharide excretion 615
Dupuis, C., Vaksmann, G., et al. 209

Ersser, R., s. Dunger, D.B., et al. 615
Eusterbrock, T., s. Bömelburg, T., et al. 301

Farnetani, M.A., s. Fois, A., et al. 195
Fois, A., Balestri, P., Farnetani, M.A., Mancini, G.M.S., Borgogni, P., Margollicci, M.A., Molinelli, M., Alessandrini, C., Gerli, R.: Free sialic acid storage disease. A new Italian case 195
Francart, C., s. Rey, C., et al. 438
Franzese, A., s. Strisciuglio, P., et al. 431
Front, H., s. Hardoff, D., et al. 613
Frosch, D., s. Lombeck, I., et al. 308
Fuhrmann, W., s. Berthold, F., et al. 605
Furukawa, S., s. Watanabe, T., et al. 436

Gerli, R, s. Fois, A., et al. 195
Grant, D.B., s. Dunger, D.B., et al. 615

Hamzeh, Y., s. Nazer, H., et al. 429
Hara, T., Mizuno, Y., Igarashi, H., Ueda, K.: Intravenous gamma globulin therapy for thrombocytopenic purpura associated with active varicella infection 531
Hardoff, D., Jaffe, M., Front, H.: Recurrent episodes of testicular swelling preceding Henoch-Schönlein purpura by 11 months 613
Hayashi, T., s. Kondoh, H., et al. 610
Hazebroek, F.W.J., s. Heij, H.A., et al. 440
Heij, H.A., Bos, A.P., Hazebroek, F.W.J.: "Acquired" congenital diaphragmatic hernia 440
Heilmann, C., s. Hertel, N.T., et al. 603
Hertel, N.T., Jacobsen, B.B., Pedersen, F.K., Heilmann, C.: Adrenocortical insufficiency associated with Epstein-Barr virus infection in a patient with the Wiskott-Aldrich syndrome 603
Heymans, H.S.A., s. Vos, G.D., et al. 86
Heymans, L., s. Roth, B., et al. 83
Hirose, S., s. Yasuma, F., et al. 81
Hörnchen, H., s. Roth, B., et al. 83
Humburg, C., s. Sewell, A.C., et al. 528

Igarashi, H., s. Hara, T., et al. 531
Ishihara, H., s. Yasuma, F., et al. 81
Ishimoto, K., s. Arisaka, O., et al. 434
Ito, M., s. Watanabe, T., et al. 436

Jacobsen, B.B., s. Hertel, N.T., et al. 603
Jaffe, M., s. Hardoff, D., et al. 613
Jaffe, M., s. Srugo, I., et al. 305

Kanhai, H.H.H., s. Roos, R.A.C., et al. 532
Kaufmann, H.J., s. Langer, R. 87
Kawamura, G., s. Nagata, M., et al. 427
Kobayashi, K., s. Kondoh, H., et al. 610
Koda, N., s. Nagata, M., et al. 427
Kondoh, H., Kobayashi, K., Sugio, Y., Hayashi, T.: Successful treatment of echovirus meningoencephalitis in sex-linked agammaglobulinaemia by intrathecal and intravenous injection of high titre gammaglobulin 610
Kono, S., s. Nagata, M., et al. 427
Korman, S., s. Srugo, I., et al. 305
Krawinkel, M., Steen, H.-J., Terwey, B.: Magnetic resonance imaging in lissencephaly 205
Kuroda, Y., s. Watanabe, T., et al. 436

Lake, B., s. Dunger, D.B., et al. 615
Lampert, F., s. Berthold, F., et al. 605
Langer, R., Kaufmann, H.J.: Arteriovenous malformation of the great cerebral vein (of Galen) in a newborn. Diagnosis by ultrasound and digital subtraction angiography 87
Lenz, W., s. Bömelburg, T., et al. 301
Lombeck, I., Menzel, H., Frosch, D.: Acute selenium poisoning of a 2-year-old child 308
Loo, E.M.v.d., s. Roos, R.A.C., et al. 532
Lubrano, P., s. Strisciuglio, P., et al. 431

Maaswinkel-Mooy, P.D., s. Roos, R.A.C., et al. 532
Malvaux, P., s. Sluysmans, T., et al. 78
Mancini, G.M.S., s. Fois, A., et al. 195
Marache, P., s. Rey, C., et al. 438
Margollicci, M.A., s. Fois, A., et al. 195
Mariano, A., s. Strisciuglio, P., et al. 431
Menzel, H., s. Lombeck, I., et al. 308
Miceli Sopo, S., s. Stabile, A., et al. 90
Miyao, M., s. Watanabe, T., et al. 436
Mizuno, Y., s. Hara, T., et al. 531
Molinelli, M., s. Fois, A., et al. 195
Müller-Wiefel, D.E., s. Bonzel, K.-E., et al. 296
Mustafa, M., s. Nazer, H., et al. 429

Nagata, M., Suzuki, M., Kawamura, G., Kono, S., Koda, N., Yamaguchi, S., Aoki, K.: Immunological abnormalities in a patient with lysinuric protein intolerance 427
Naito, E., s. Watanabe, T., et al. 436
Nazer, H., Abu Rajab, A., Qaryouti, S., Tarawneh, M., Hamzeh, Y., Arda, H., Mustafa, M.: Neonatal limb gangrene and renal vein thrombosis. Case report with review of literature 429
Noblet, D., s. Vaksmann, G., et al. 209
Nomura, H., s. Yasuma, F., et al. 81

Obinata, K., s. Arisaka, O., et al. 434
O'Driscoll, P., s. Dunger, D.B., et al. 615
Okamoto, H., s. Yasuma, F., et al. 81

Parenti, G., s. Strisciuglio, P., et al. 431
Pedersen, F.K., s. Hertel, N.T., et al. 603
Pesaresi, M.A., s. Stabile, A., et al. 90
Pfeiffer, R.A., Singer, H., Zschiesche, S.: Sagittal craniostenosis, congenital heart disease, mental deficiency and various dysmorphies in two sibs – a "new" syndrome? . . 75
Pfeiffer, R.A., Tietze, U., Welte, W.: An unusual, possibly "new" MA/MR syndrome with sagittal craniosynostosis . . 74
Pontz, B.F., s. Sewell, A.C., et al. 528

Qaryouti, S., s. Nazer, H., et al. 429

Rey, C., Marache, P., Watel, A., Francart, C.: Iatrogenic false aneurysm of the brachial artery in an infant 438
Roos, R.A.C., Maaswinkel-Mooy, P.D., Loo, E.M.v.d. Kanhai, H.H.H.: Congenital microcephaly, infantile spasms, psychomotor retardation, and nephrotic syndrome in two sibs 532
Roth, B., Younossi-Hartenstein, A., Schröder, R., Hörnchen, H., Heymans, L.: Haemorrhagic shock-encephalopathy syndrome: plasmapheresis as a therapeutic approach 83
Ruder, H., s. Bonzel, K.-E., et al. 296
Said, E., s. Srugo, I., et al. 305
Saito, H., s. Yasuma, F., et al. 81
Sato, K., s. Arisaka, O., et al. 434
Schröder, R., s. Roth, B., et al. 83
Schulte, F.J., s. Stollhoff, K. 201
Segni, G., s. Stabile, A., et al. 90
Seki, A., s. Yasuma, F., et al. 81
Sewell, A.C., Pontz, B.F., Weitzel, D., Humburg, C.: Clinical heterogeneity in infantile galactosialidosis 528
Shaw, D.G., s. Dunger, D.B., et al. 615
Singer, H., s. Pfeiffer, R.A., et al. 75
Sluysmans, T., DeBont, B., Cornu, G.: Acute epidermal necrolysis or Lyell syndrome 199
Sluysmans, T., Vanoverschelde, J.P., Malvaux, P.: Growth failure associated with medullary sponge kidney, due to incomplete renal tubular acidosis type 1 78
Sotobata, I., s. Yasuma, F., et al. 81
Srugo, I., Said, E., Korman, S., Jaffe, M.: Acute intermittent porphyria – an unusual cause of "surgical" abdomen. Response to propranolol therapy 305
Stabile, A., Pesaresi, M.A., Miceli Sopo, S., Segni, G.: Effective high-dose intravenous gammaglobulin therapy for passive immune thrombocytopenia in the neonate 90
Steen, H.-J., s. Krawinkel, M., et al. 205
Stollhoff, K., Schulte, F.J.: Vitamin B_{12} and brain development 201
Strisciuglio, P., Di Maio, S., Parenti, G., Franzese, A., Lubrano, P., Mariano, A., Andria, G.: Evidence of polyglandular involvement in Niemann-Pick disease type B . . 431
Sugio, Y., s. Kondoh, H., et al. 610
Suzuki, M., s. Nagata, M., et al. 427

Takeda, E., s. Watanabe, T., et al. 436
Tarawneh, M., s. Nazer, H., et al. 429
Teebi, A.S., s. Dudin, K.I. 303
Terwey, B., s. Krawinkel, M., et al. 205
Tietze, U., s. Pfeiffer, R.A., et al. 74
Tomita, T., s. Watanabe, T., et al. 436
Toshima, K., s. Watanabe, T., et al. 436

Ueda, K., s. Hara, T., et al. 531
Urbanus, N.A.M., s. Vos, G.D., et al. 86

Vaksmann, G., Noblet, D., Dupuis, C.: Subclavian artery aneurysm secondary to a cervical supernumerary rib in a child 209
Vanoverschelde, J.P., s. Sluysmans, T., et al. 78
Vos, G.D., Heymans, H.S.A., Urbanus, N.A.M.: Inspiratory stridor and dysphagia because of prolonged oesophageal foreign body 86

Waldherr, R., s. Bonzel, K.-E., et al. 296
Watanabe, T., Kuroda, Y., Naito, E., Ito, M., Takeda, E., Toshima, K., Miyao, M., Tomita, T., Furukawa, S.: Urinary homocystine levels in a newborn infant with cystathionine synthase deficiency 436
Watel, A., s. Rey, C., et al. 438
Weber, M., s. Bonzel, K.-E., et al. 296
Weitzel, D., s. Sewell, A.C., et al. 528
Welte, W., s. Pfeiffer, R.A., et al. 74
Wingen, A.-M., s. Bonzel, K.-E., et al. 296

Yabuta, K., s. Arisaka, O., et al. 434
Yamaguchi, S., s. Nagata, M., et al. 427
Yasuma, F., Nomura, H., Sotobata, I., Ishihara, H., Saito, H., Yasuura, K., Okamoto, H., Hirose, S., Abe, T., Seki, A.: Congenital central alveolar hypoventilation (Ondine's curse: a case report and review of the literature 81
Yasuura, K., s. Yasuma, F., et al. 81
Younossi-Hartenstein, A., s. Roth, B., et al. 83

Zschiesche, S., s. Pfeiffer, R.A., et al. 75

Letters to the editors

Badia, L., s. Esquembre, C., et al. 444
Baeten, E., s. Corbeel, L., et al. 441
Balduck, N., Otten, J., Verbruggen, L., Bougatef, A., Ramet, J., Piepz, A.: Sudden death of a child with juvenile chronic arthritis, probably due to indomethacin 620
Battisti, O., s. Bertrand, J.M., et al. 622
Bertrand, J.M., Battisti, O., Langhendries, J.P.: Reply . . . 622
Becker, H., s. Deutsch, J., et al. 313
Biasetti, S., s. Ponzone, A., et al. 93
Birčák, J., s. Kovács, L., et al. 622
Bougatef, A., s. Balduck, N., et al. 620
Bracco, G., s. Ponzone, A., et al. 93
Bremer, H.J., s. Koletzko, B. 92

Calabro, A., Lungarotti, M.S., Mastroiacovo, P.: Lacrimo-auriculo-dento-digital (LADD) syndrome 536
Casaer, P., s. Jaeken, J., et al. 91
Casteels-Van Daele, M., s. Corbeel, L., et al. 441
Castel, V., s. Esquembre, C., et al. 444
Clara, R., s. Limbos, C., et al. 537
Corbeel, L., Gewillig, M., Baeten, E., Casteels-Van Daele, M., Eggermont, E.: Carotid and coronary artery involvement in infantile periarteritis nodosa possibly induced by Coxsackie B4 infection. Favourable course under corticosteroid treatment 441
Corbeel, L., s. Jaeken, J., et al. 91

De Schepper, J., Verboven, M., Piepsz, A., Sevens, C.: Transient elevation of sweat electrolytes in anorexia nervosa: a sweat gland steroid receptor defect? 620
Deutsch, J., Kurz, R., Müller, W.D., Becker, H.: Lipoprotein X, gamma-glutamyltranspeptidase and biliary atresia . . . 313

Eggermont, E., s. Corbeel, L., et al. 441
Esquembre, C., Ferris J., Verdeguer, A., Prieto, F., Badia, L., Castel, V.: Poland syndrome and leukaemia 444

Ferraris, S., s. Ponzone, A., et al. 93
Ferris, J., s. Esquembre, C., et al. 444
Fung, K.P.: Lipoprotein-X and diagnosis of biliary atresia . . 312

Gewillig, M., s. Corbeel, L., et al. 441
Göbel, U., Petrich, C.: Vitamin E in newborns surviving respiratory distress 210
Guardamagna, O., s. Ponzone, A., et al. 93

Harms, D., s. Schneider, A. 95
Hennekam, R.C.M.: LADD syndrome: a distinct entity? . . 94
Heyne, K., s. Römke, C., et al. 443

Jaeken, J., Casaer, P., Corbeel, L.: Valproate increases cerebrospinal fluid glutamine levels 91
Janka-Schaub, G.: Reply 211

Károlyi, G.: Serum calcium and magnesium in diabetes control 621
Koletzko, B., Bremer, H.J.: Long chain polyunsaturated fatty acids in infant formulae 92
Kovács, L., Birčák, J., Lichardus, B.: Endogenous digoxin-like substance in the urine of preterm infants with late hyponatremia 622
Kurz, R., s. Deutsch, J., et al. 313

Langhendries, J.P., s. Bertrand, J.M., et al. 622
Lichardus, B., s. Kovács, L., et al. 622
Limbos, C., Sand, A., Clara, R.: Childhood plumbism due to lead paint in Belgium 537
Lungarotti, M.S., s. Calabro, A., et al. 536

Mastroiacovo, P., s. Calabro, A., et al. 536
Müller, W.D., s. Deutsch, J., et al. 313

Niederwieser, A., s. Ponzone, A., et al. 93

Okken, A.: Reply 211
Otten, J., s. Balduck, N., et al. 620

Petrich, C., s. Göbel, U. 210
Piepsz, A., s. Balduck, N., et al. 620
Piepsz, A., s. De Schepper, J., et al. 620
Ponzone, A., Guardamagna, O., Ferraris, S., Biasetti, S., Bracco, G., Niederwieser, A.: Neurotransmitter therapy and diet in malignant phenylketonuria 93
Prieto, F., s. Esquembre, C., et al. 444

Ramet, J., s. Balduck, N., et al. 620
Römke, C., Heyne, K., Stewens, J., Schwinger, E.: Erroneous diagnosis of fetal alcohol syndrome in a patient with ring chromosome 6 443
Russo, A., Schiliro, G.: The problem of preventing testicular leukaemia 211

Sand, A., s. Limbos, C., et al. 537
Schiliro, G., s. Russo, A. 211
Schneider, A., Harms, D.: Transposition of the external genitalia associated with the VACTERL association 95
Schwinger, E., s. Römke, C., et al. 443
Sevens, C., s. De Schepper, J., et al. 620
Stewens, J., s. Römke, C., et al. 443

Tazawa, Y.: Reply 312, 314

Van Biervliet, J.P.: Author's reply 92
Verboven, M., s. De Schepper, J., et al. 620
Verbruggen, L., s. Balduck, N., et al. 620
Verdeguer, A., s. Esquembre, C., et al. 444

Wiedemann, H.-R.: Author's reply 95

Supplement 1

(Phenylketonuria in Adolescence)

Abadie, V., s. Saudubray, J.M., et al. A20
Azen, C.G., s. Koch, R., et al. A12

Bertassi, F., s. Longhi, R., et al. A32
Bonabitacola, T., s. Longhi, R., et al. A32

Dhondt, J.-L., Farriaux, J.-P.: Atypical cases of phenylketonuria A38
DiLella, A.G., s. Güttler, F., et al. A5

Farriaux, J.-P., s. Dhondt, J.-L. A38
Farriaux, J.P., s. Saudubray, J.M., et al. A20
Fishler, K., s. Koch, R., et al. A12

Ghisolfi, J., s. Saudubray, J.M., et al. A20
Giovannini, M., s. Longhi, R., et al. A32
Gross Friedman, E., s. Koch, R., et al. A12
Güttler, F., DiLella, A.G., Ledley, F.D., Lidsky, A.S., Kvok, S.C.M., Marvit, J., Woo, S.L.C.: Molecular biology of phenylketonuria A5
Guibaud, P., s. Saudubray, J.M., et al. A20

Hurst, N., s. Koch, R., et al. A12
Kiely, B., s. Naughten, E.R., et al. A23
Koch, R., Azen, C.G., Hurst, N., Gross Friedman, E., Fishler, K.: The effects of diet discontinuation in children with phenylketonuria A12
Kvok, S.C.M., s. Güttler, F., et al. A5

Ledley, F.D., s. Güttler, F., et al. A5
Lidsky, A.S., s. Güttler, F., et al. A5
Longhi, R., Rottoli, A., Vittorelli, A., Zecchini, G., Bonabitacola, T., Bertassi, F., Riva, E., Giovannini, M.: Trace elements nutriture in hyperphenylalaninemic patients. Long-term follow up study A32

Mahle, M., s. Schmidt, H., et al. A17
Marvit, J., s. Güttler, F., et al. A5
Michel, U., s. Schmidt, H., et al. A17
Murphy, D., s. Naughten, E.R., et al. A23

Naughten, E.R., Kiely, B., Saul, I., Murphy, D.: Phenylketonuria: outcome and problems in a "diet-for-life" clinic . . . A23

Ogier, H., s. Saudubray, J.M., et al. A20

Pietz, J., s. Schmidt, H., et al. A17

Rey, F., s. Saudubray, J.M., et al. A20
Rey, J., s. Saudubray, J.M., et al. A20
Riva, E., s. Longhi, R., et al. A32
Rottoli, A., s. Longhi, R., et al. A32

Saudubray, J.M., Rey, F., Ogier, H., Abadie, V., Farriaux, J.P., Ghisolfi, J., Guibaud, P., Rey, J., Vidailhet, M.: Intellectual and school performances in early-treated classical PKU patients. The French Collaborative Study A20
Saul, I., s. Naughten, E.R., et al. A23
Schmidt, H., Mahle, M., Michel, U., Pietz, J.: Continuation vs discontinuation of low-phenylalanine diet in PKU adolescents A17

Vidailhet, M., s. Saudubray, J.M., et al. A20
Vittorelli, A., s. Longhi, R., et al. A32

Whitehead, R.G.: Nutritional requirements of healthy adolescents and their significance during the management of PKU A25
Woo, S.L.C., s. Güttler, F., et al. A5

Zecchini, G., s. Longhi, R., et al. A32

Supplement 2

(International Symposium on Pediatric and Surgical Andrology: Cryptorchidism)

Bertelsen, A., Thorup, J., Pedersen, P.V., Mauritzen, K., Skakkebæk, N.E.: Intranasal LH-RH treatment of cryptorchidism. A clinical trial and 5 years follow-up S40
Bianchi, A., s. Frey, P. S51
Borkenstein, M.: Intranasal LH-RH for cryptorchidism: response to initial treatment and to treatment after relapse . S42
Buser, M., s. Hadziselimovic, F., et al. S8, S56, S59

Canlorbe, P., s. Job, J.C., et al. S2
Chaussain, J.L., s. Job, J.C., et al. S2

DeMuinck Keizer-Schrama, S.M.P.F., Hazebroek, F.W.J., Drop, S.L.S., Molenaar, J.C., Visser, H.K.A.: LH-RH nasal spray treatment for cryptorchidism. A double-blind, placebo-controlled study S35
Drop, S.L.S., s. DeMuinck Keizer-Schrama, S.M.P.F., et al. S35
Duckett, J., s. Hadziselimovic, F., et al. S56
Duckett, J.W., s. Huff, D.S., et al. S25

Elder, J., s. Hadziselimovic, F., et al. S56
Elder, J.S., s. Huff, D.S., et al. S25
El-Dessouky, M., s. Waldschmidt, J., et al. S31

Frey, P., Bianchi, A.: Microvascular orchiopexy S51

Gendrel, D., s. Job, J.C., et al. S2
Girard, J., Hadziselimovic, F.: Relevance of urinary gonadotrophins S18
Goldman, A.S.: Arachidonic acid and male genital differentiation S63
Gylys-Morin, V., s. Landa, H.M., et al. S16

Hadziselimovic, F.: Concluding remarks S67
Hadziselimovic, F., s. Girard, J. S18
Hadziselimovic, F., s. Herzog, B., et al. S53
Hadziselimovic, F., Herzog, B., Buser, M.: Development of cryptorchid testes S8
Hadziselimovic, F., Herzog, B., Höcht, B., Hecker, E., Miescher, E., Buser, M.: Screening for cryptorchid boys risking sterility and results of long-term buserelin treatment after successful orchiopexy S59
Hadziselimovic, F., s. Huff, D.S., et al. S25
Hadziselimovic, F., Huff, D., Duckett, J., Herzog, B., Elder, J., Snyder, H., Buser, M.: Treatment of cryptorchidism with low doses of buserelin over a 6-months period S56
Hagberg, S., Westphal, O.: Results of combined hormonal and surgical treatment for undescended testis in boys under 3 years of age. A randomized study S38
Hazebroek, F.W.J., s. DeMuinck Keizer-Schrama, S.M.P.F., et al. S35
Hecker, E., s. Hadziselimovic, F., et al. S59
Herzog, B., s. Hadziselimovic, F., et al. S8, S56, S59
Herzog, B., Hadziselimovic, F., Strebel, C.: Primary and secondary testicular atrophy S53
Hinman, F., Jr.: Management of the intra-abdominal testis . . S49
Höcht, B.: LH-RH treatment for cryptorchidism. Randomized study and 10-year follow-up results S44
Höcht, B., s. Hadziselimovic, F., et al. S59
Huff, D., s. Hadziselimovic, F., et al. S56
Huff, D.S., Hadziselimovic, F., Duckett, J.W., Elder, J.S., Snyder, H.M.: Germ cell counts in semithin sections of biopsies of 115 unilaterally cryptorchid testes. The experience from the Children's Hospital of Philadelphia S25

Job, J.C., Toublanc, J.E., Chaussain, J.L., Gendrel, D., Roger, M., Canlorbe, P.: The pituitary-gonadal axis in cryptorchid infants and children S2

Kaplan, G.W., s. Landa, H.M., et al. S16
Kogan, S.J.: Fertility in cryptorchidism. An overview in 1987 . S21
Krous, H.F., s. Landa, H.M., et al. S16

Landa, H.M., Gylys-Morin, V., Mattrey, R.F., Krous, H.F., Kaplan, G.W., Packer, M.G.: Magnetic resonance imaging of the cryptorchid testis S16

Mattrey, R.F., s. Landa, H.M., et al. S16
Mauritzen, K., s. Bertelsen, A., et al. S40
Miescher, E., s. Hadziselimovic, F., et al. S59
Mininberg, D.T.: The epididymis and testicular descent . . . S28
Molenaar, J.C., s. DeMuinck Keizer-Schrama, S.M.P.F., et al. S35

Packer, M.G., s. Landa, H.M., et al. S16
Pedersen, P.V., s. Bertelsen, A., et al. S40
Priefer, A., s. Waldschmidt, J., et al. S31

Rajfer, J.: Hormonal regulation of testicular descent S6
Roger, M., s. Job, J.C., et al. S2

Skakkebæk, N.E., s. Bertelsen, A., et al. S40
Snyder, H., s. Hadziselimovic, F., et al. S56
Snyder, H.M., s. Huff, D.S., et al. S25
Strebel, C., s. Herzog, B., et al. S53

Thorup, J., s. Bertelsen, A., et al. S40
Toublanc, J.E., s. Job, J.C., et al. S2

Visser, H.K.A., s. DeMuinck Keizer-Schrama, S.M.P.F., et al. S35

Waldschmidt, J., El-Dessouky, M., Priefer, A.: Therapeutic results in cryptorchidism after combination therapy with LH-RH nasal spray and hCG S31
Westphal, O., s. Hagberg, S. S38

Abstracts

23rd Workshop for Pediatric Research, held at the Kinderklinik of the Georg-August-Universität Göttingen, February 26–27, 1986 96
64th Annual General Meeting of the Scottish Paediatric Society held in Glasgow, November 14, 1986 213
XIth Meeting of the European Society for Paediatric Haematology and Immunology (E.S.P.H.I.), Pavia/Gardone Riviera, June 1–4, 1987 315
The Summer Meeting of the Scottish Paediatric Society held at Dundee Royal Infirmary, Dundee, on Friday, 22nd May 1987 539

Announcement 212

Acknowledgement to our reviewers 623

Indexed in *Current Contents*